

**Luminaire**

Code 90625L900

Name CONCEPT O 65 D0900 GCONTROL+ 840

**Measurement**

Code 31/7/2023

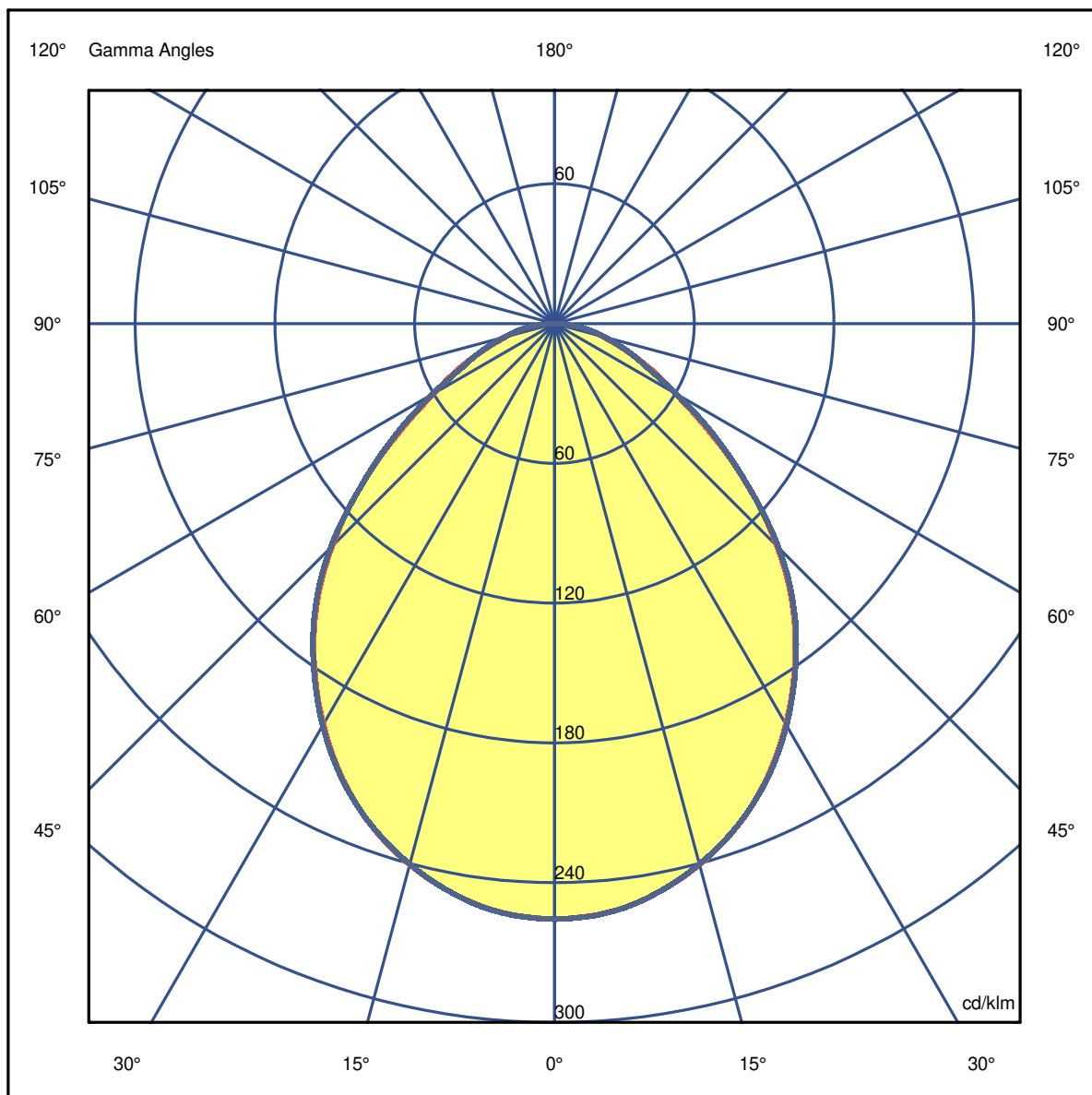
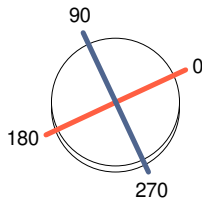
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Luminaire Flux	5392 lm	Luminaire Power	53.6 W	Efficacy	100.510 lm/W	Efficiency	55.16%
Source Flux	9776 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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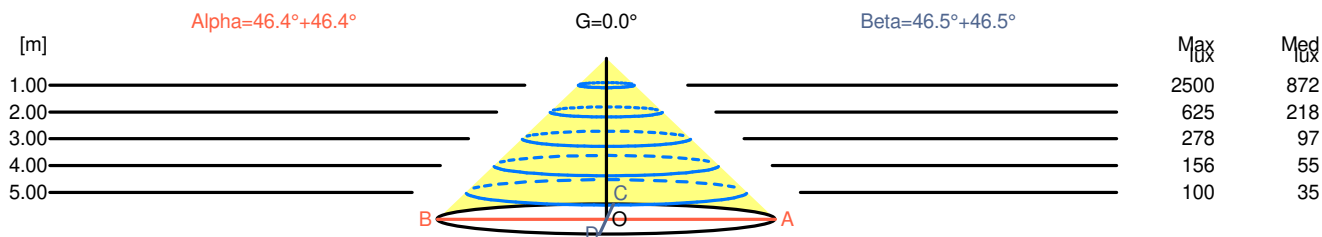
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.05	2.10	3.15	4.20	5.25	OC	1.05	2.11	3.16	4.22	5.27
OB	1.05	2.10	3.15	4.20	5.25	OD	1.05	2.11	3.16	4.22	5.27

	0	5	15	25	35	45	55	65	75	85
OA	2499.72	2482.13	2350.15	2106.73	1757.72	1320.74	800.65	436.99	211.16	64.52
OB	2499.72	2482.13	2350.15	2106.73	1757.72	1320.74	800.65	436.99	211.16	64.52
OC	2499.72	2483.10	2348.20	2109.66	1762.61	1330.51	816.30	421.35	216.05	65.50
OD	2499.72	2483.10	2348.20	2109.66	1762.61	1330.51	816.30	421.35	216.05	65.50



H[m]	D[m]	Max lux	Med lux	Alpha=46.4°+46.4°	G=0.0	
1.00	2.10	2500	872			
2.00	4.20	625	218			
3.00	6.30	278	97			
4.00	8.40	156	55			
5.00	10.50	100	35			

H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.11	2500	872			
2.00	4.22	625	218			
3.00	6.33	278	97			
4.00	8.44	156	55			
5.00	10.54	100	35			

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Source Flux	9776 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.4	15.6	14.7	15.8	16.0	14.4	15.6	14.7	15.8	16.1
x=2H y=3H	15.3	16.3	15.6	16.6	16.8	15.3	16.4	15.6	16.6	16.8
x=2H y=4H	15.6	16.6	15.9	16.8	17.1	15.6	16.6	15.9	16.9	17.1
x=2H y=6H	15.8	16.7	16.2	17.0	17.4	15.8	16.8	16.2	17.1	17.4
x=2H y=8H	15.9	16.7	16.2	17.1	17.4	15.9	16.8	16.3	17.1	17.4
x=2H y=12H	15.9	16.7	16.3	17.1	17.4	15.9	16.8	16.3	17.1	17.4
x=4H y=2H	14.7	15.6	15.0	15.9	16.2	14.7	15.7	15.0	15.9	16.2
x=4H y=3H	15.6	16.5	16.0	16.8	17.1	15.7	16.5	16.0	16.8	17.2
x=4H y=4H	16.1	16.8	16.5	17.2	17.5	16.1	16.9	16.5	17.2	17.6
x=4H y=6H	16.5	17.1	16.9	17.5	17.9	16.5	17.2	16.9	17.5	17.9
x=4H y=8H	16.6	17.2	17.0	17.6	18.0	16.6	17.2	17.1	17.6	18.0
x=4H y=12H	16.7	17.2	17.1	17.6	18.0	16.7	17.2	17.1	17.7	18.1
x=8H y=4H	16.2	16.8	16.7	17.2	17.7	16.3	16.9	16.7	17.3	17.7
x=8H y=6H	16.7	17.2	17.2	17.6	18.1	16.8	17.2	17.2	17.7	18.1
x=8H y=8H	16.9	17.3	17.4	17.8	18.3	16.9	17.4	17.4	17.8	18.3
x=8H y=12H	17.0	17.4	17.5	17.9	18.4	17.1	17.5	17.6	17.9	18.4
x=12H y=4H	16.3	16.8	16.7	17.2	17.6	16.3	16.8	16.7	17.2	17.6
x=12H y=6H	16.8	17.2	17.2	17.6	18.1	16.8	17.2	17.3	17.7	18.1
x=12H y=8H	17.0	17.4	17.5	17.8	18.3	17.0	17.4	17.5	17.8	18.3

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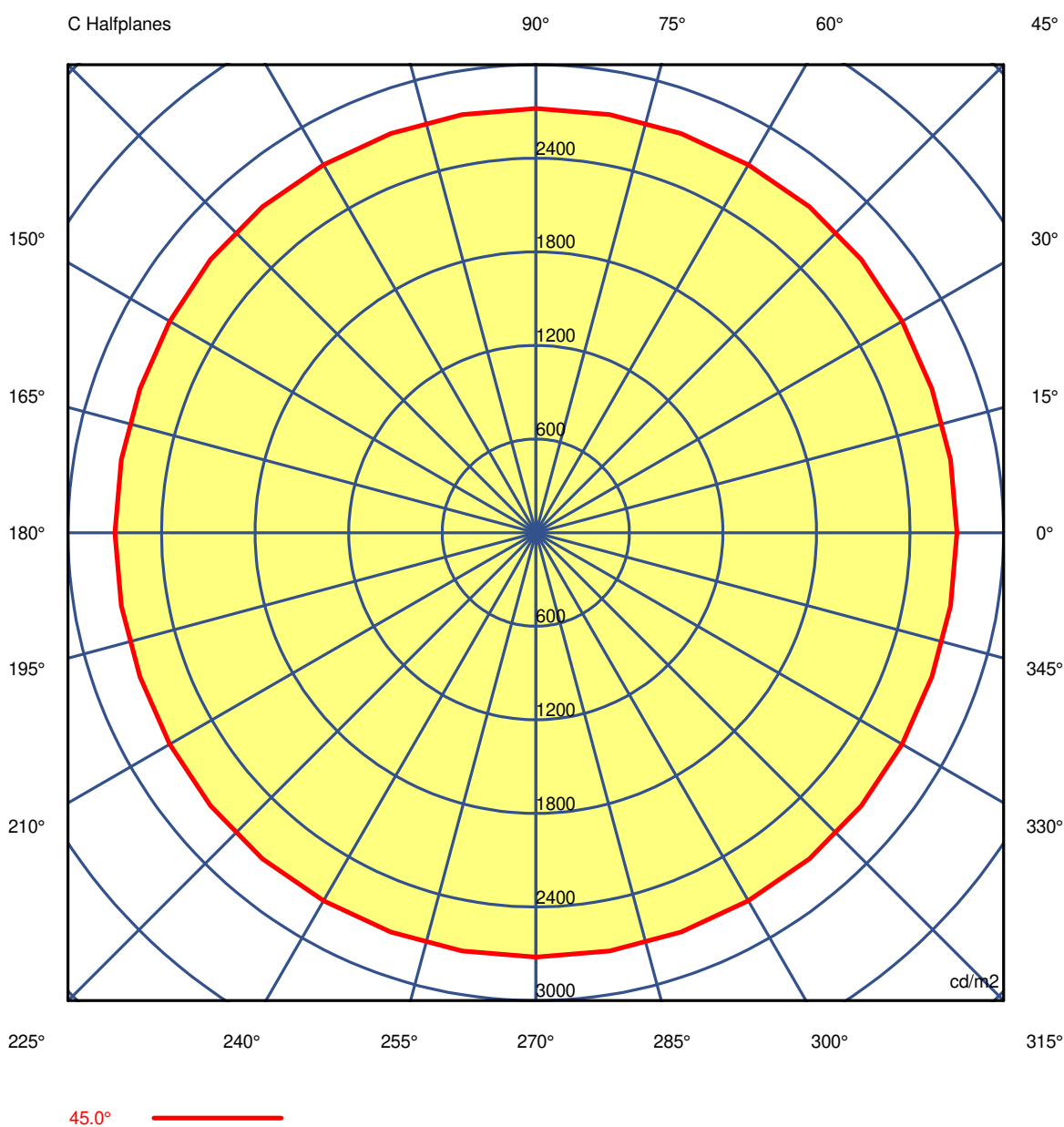
**Measurem.**

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Luminaire Flux	5392 lm	Luminaire Power	53.6 W	Efficacy	100.510 lm/W	Efficiency	55.16%
Source Flux	9776 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	5392 lm	Luminaire Power	53.6 W	Efficacy	100.510 lm/W	Efficiency	55.16%
Source Flux	9776 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**Luminance cd/m2 Table 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054
G 5.0	3999	3999	3998	3997	3997	3997	3995	3996	3998	4000	3998	3996	3995
G 10.0	3918	3918	3916	3914	3914	3915	3915	3915	3916	3918	3916	3915	3915
G 15.0	3821	3819	3817	3813	3809	3809	3812	3812	3813	3818	3813	3812	3812
G 20.0	3708	3705	3700	3693	3688	3687	3690	3696	3702	3706	3702	3696	3690
G 25.0	3567	3565	3559	3552	3552	3553	3554	3558	3564	3572	3564	3558	3554
G 30.0	3397	3394	3393	3395	3404	3407	3402	3397	3399	3407	3399	3397	3402
G 35.0	3206	3207	3211	3222	3235	3239	3231	3219	3215	3215	3215	3219	3231
G 40.0	2989	2993	3001	3013	3023	3027	3023	3011	3005	3004	3005	3011	3023
G 45.0	2700	2700	2702	2712	2724	2728	2724	2724	2723	2720	2723	2724	2724
G 50.0	2339	2354	2336	2252	2123	2126	2261	2347	2363	2339	2363	2347	2261
G 55.0	1928	2027	1979	1770	1541	1513	1714	1954	2042	1965	2042	1954	1714
G 60.0	1568	1659	1552	1338	1286	1287	1345	1578	1688	1581	1688	1578	1345
G 65.0	1329	1371	1243	1073	1142	1163	1118	1272	1364	1281	1364	1272	1118
G 70.0	1093	1156	1103	1000	1023	1032	1024	1094	1141	1121	1141	1094	1024
G 75.0	909	941	929	892	895	898	905	929	941	930	941	929	905
G 80.0	782	773	773	782	795	797	788	786	789	793	789	786	788
G 85.0	501	511	543	562	521	520	562	554	527	509	527	554	562
G 90.0	260	183	179	208	169	167	208	194	179	195	179	194	208

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Luminaire Flux		5392 lm		Luminaire Power		53.6 W		Efficacy		100.510 lm/W		Efficiency		55.16%	
Source Flux		9776 lm		Maximum value		255.70 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														Table 2/3	
	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00		
G 0.0	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054
G 5.0	3997	3997	3997	3998	3999	3999	3999	3998	3997	3997	3997	3997	3995	3996	3996
G 10.0	3915	3914	3914	3916	3918	3918	3918	3916	3914	3914	3915	3915	3915	3915	3915
G 15.0	3809	3809	3813	3817	3819	3821	3819	3817	3813	3809	3809	3812	3812	3812	3812
G 20.0	3687	3688	3693	3700	3705	3708	3705	3700	3693	3688	3687	3690	3696	3696	3696
G 25.0	3553	3552	3552	3559	3565	3567	3565	3559	3552	3552	3553	3554	3558	3558	3558
G 30.0	3407	3404	3395	3393	3394	3397	3394	3393	3395	3404	3407	3402	3397	3397	3397
G 35.0	3239	3235	3222	3211	3207	3206	3207	3211	3222	3235	3239	3231	3219	3219	3219
G 40.0	3027	3023	3013	3001	2993	2989	2993	3001	3013	3023	3027	3023	3011	3011	3011
G 45.0	2728	2724	2712	2702	2700	2700	2700	2702	2712	2724	2728	2724	2724	2724	2724
G 50.0	2126	2123	2252	2336	2354	2339	2354	2336	2252	2123	2126	2261	2347	2347	2347
G 55.0	1513	1541	1770	1979	2027	1928	2027	1979	1770	1541	1513	1714	1954	1954	1954
G 60.0	1287	1286	1338	1552	1659	1568	1659	1552	1338	1286	1287	1345	1578	1578	1578
G 65.0	1163	1142	1073	1243	1371	1329	1371	1243	1073	1142	1163	1118	1272	1272	1272
G 70.0	1032	1023	1000	1103	1156	1093	1156	1103	1000	1023	1032	1024	1094	1094	1094
G 75.0	898	895	892	929	941	909	941	929	892	895	898	905	929	929	929
G 80.0	797	795	782	773	773	782	773	773	782	795	797	788	786	786	786
G 85.0	520	521	562	543	511	501	511	543	562	521	520	562	554	554	554
G 90.0	167	169	208	179	183	260	183	179	208	169	167	208	194	194	194

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**Luminance cd/m2 Table 3/3**

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	4054	4054	4054	4054	4054	4054	4054	4054	4054	4054
G 5.0	3998	4000	3998	3996	3995	3997	3997	3997	3998	3999
G 10.0	3916	3918	3916	3915	3915	3915	3914	3914	3916	3918
G 15.0	3813	3818	3813	3812	3812	3809	3809	3813	3817	3819
G 20.0	3702	3706	3702	3696	3690	3687	3688	3693	3700	3705
G 25.0	3564	3572	3564	3558	3554	3553	3552	3552	3559	3565
G 30.0	3399	3407	3399	3397	3402	3407	3404	3395	3393	3394
G 35.0	3215	3215	3215	3219	3231	3239	3235	3222	3211	3207
G 40.0	3005	3004	3005	3011	3023	3027	3023	3013	3001	2993
G 45.0	2723	2720	2723	2724	2724	2728	2724	2712	2702	2700
G 50.0	2363	2339	2363	2347	2261	2126	2123	2252	2336	2354
G 55.0	2042	1965	2042	1954	1714	1513	1541	1770	1979	2027
G 60.0	1688	1581	1688	1578	1345	1287	1286	1338	1552	1659
G 65.0	1364	1281	1364	1272	1118	1163	1142	1073	1243	1371
G 70.0	1141	1121	1141	1094	1024	1032	1023	1000	1103	1156
G 75.0	941	930	941	929	905	898	895	892	929	941
G 80.0	789	793	789	786	788	797	795	782	773	773
G 85.0	527	509	527	554	562	520	521	562	543	511
G 90.0	179	195	179	194	208	167	169	208	179	183